



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H141408

**Mode:** Highway

**Status:** Submitted

### NC-126, SR-1223, SR-1234 (N Powerhouse Rd, Benfields Landing Rd)

**From/Cross Street:** NC 126

**Specific Improvement Type:** 16 - Modernize Roadway

**To:** SR 1234

**Project Category:** Regional Impact

**Length:** 14.53

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$13,287,000

#### Description:

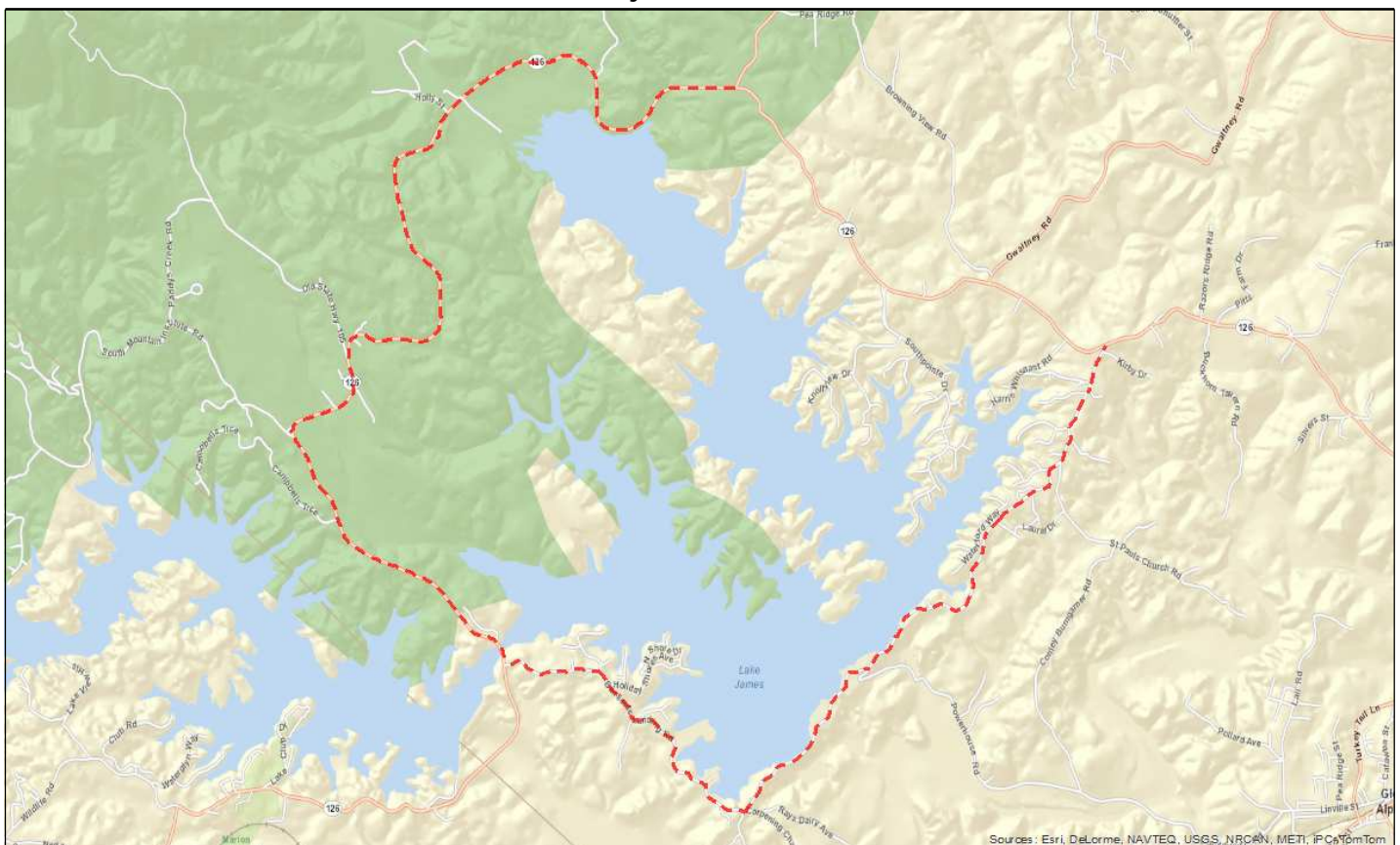
Modernization of roadways that loop around Lake James to support bicycle and pedestrian traffic.

**Division(s):** Division 13

**County(s):** BURKE

**MPOS(s)/RPO(s):** Unifour RPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 29.34	Percent: 15% Points:	Percent: 15% Points:
Congestion (V/C) (25%) 3.05		
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 16.72		
<b>Totals: Weight: 70% Weighted Score: 5.37</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 0.00	Percent: 25% Points:	Percent: 25% Points:
Congestion (V/C) (20%) 3.05		
Safety (10%) 29.34		
<b>Totals: Weight: 50% Weighted Score: 3.54</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	51
Length (miles):	14.53
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	716.68
Capacity:	15552.6
Volume/Capacity Ratio:	0.05
% Autos:	92%
% Trucks:	8%
Truck Volume:	60.9
Crash Density:	31.75
Crash Severity:	25.45
Critical Crash Rate:	30.84
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	28
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	86
Actual Congested Speed:	0
Travel Time Index:	

**Project Benefits**

Project Cross-Section:	
Speed Limit:	51
Length (miles):	14.53
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	11
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Unifour RPO

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

**Project Ownership****Division**

Division	Percent	Regional Impact	Division Needs
Division 13	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

MPO/RPO	Percent	Regional Impact	Division Needs
Unifour RPO	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$13,287,000	Cost Estimation Tool
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$13,287,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$13,287,000</b>	